

INTERNATIONAL SEARCH REPORT

International application No.
PCT/AU03/00780

| A. CLASSIFICATION OF SUBJECT MATTER | | |
|---|--|--|
| Int. Cl. ⁷ : E04G 11/08 | | |
| According to International Patent Classification (IPC) or to both national classification and IPC | | |
| B. FIELDS SEARCHED | | |
| Minimum documentation searched (classification system followed by classification symbols) | | |
| Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched | | |
| AU IPC: E04G 11/00, 11/08, E04G 17/00, 17/06 | | |
| Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) | | |
| DWPI Keywords (form, modul, flang, edge, tie, E04G) and like terms: | | |
| C. DOCUMENTS CONSIDERED TO BE RELEVANT | | |
| Category* | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
| X | WO 02/055812 A1 (SCALLAN) 18 July 2002 whole document | 1-5, 10, 14-16, 18-23 9 |
| Y | Derwent Abstract Accession No. H0900W/27 ZA 7400510 A (ACROW ENG PTY LTD) 28 April 1975 abstract | 1-3, 7, 10, 14, 15, 23 9 |
| X | US 6283439 B1 (MYERS et al) 4 September 2001 whole document | 1, 5, 10, 14-16, 23 9 |
| Y | | |
| <input checked="" type="checkbox"/> Further documents are listed in the continuation of Box C <input checked="" type="checkbox"/> See patent family annex | | |
| <p>* Special categories of cited documents:</p> <p>"A" document defining the general state of the art which is not considered to be of particular relevance</p> <p>"B" earlier application or patent but published on or after the international filing date</p> <p>"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</p> <p>"O" document referring to an oral disclosure, use, exhibition or other means</p> <p>"P" document published prior to the international filing date but later than the priority date claimed</p> <p>"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</p> <p>"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</p> <p>"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art</p> <p>"&" document member of the same patent family</p> | | |
| Date of the actual completion of the international search 22 August 2003 | | Date of mailing of the international search report 29 AUG 2003 |
| Name and mailing address of the ISA/AU AUSTRALIAN PATENT OFFICE PO BOX 200, WODEN ACT 2606, AUSTRALIA E-mail address: pct@ipaustalia.gov.au Facsimile No. (02) 6285 3929 | | Authorized officer VINCE BAGUSAUSKAS Telephone No : (02) 6283 2110 |

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| C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT | | |
|---|--|-----------------------|
| Category* | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
| X Y | US 5802795 A (MYERS et al) 8 September 1998 whole document | 1, 5, 14-16 9 |
| X Y | AU 486232 B (SPEED-FORM MANUFACTURING [AUSTRALIA] LTD) 5 September 1974 whole document | 1, 2, 10, 12 9 |
| X Y | US 6405505 B1 (ALBERTI) 18 June 2002 whole document | 1-3, 12 9 |
| X Y | WO 01/02673 A1 (KYSER et al) 11 January 2001 whole document | 1-3, 12 9 |
| X Y | US 5566518 A (MARTIN et al) 22 October 1996 whole document | 1-3, 12 9 |
| X Y | US 5570552 A (NEHRING) 5 November 1996 whole document | 1-3 9 |
| X | US 4742985 A (MATHIS) 10 May 1988 whole document | 14, 16, 18, 19 |
| X Y | US 4118004 A (SCOTT) 3 October 1978 whole document Fig. 6 | 13 9 |
| A | AU 142587 B (RUMBLE) 9 June 1949 Fig. 2 | |
| A | US 5649401 A (HARRINGTON, JR) 22 July 1997 Fig. 1 | |
| A | US 1563581 A (MAY) 1 December 1925 Fig. 2 | |

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/AU03/00780

This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

| Patent Document Cited in Search Report | | Patent Family Member | |
|---|--------------|----------------------|-------------|
| WO 2002055812 | AU 20012470 | AU 200177331 | AU 20018038 |
| ZA 7400510 | NONE | | |
| US 6283439 | NONE | | |
| US 5802795 | NONE | | |
| AU 486232 | NONE | | |
| US 6405505 | NONE | | |
| WO 200102673 | AU 200060633 | | |
| US 5566518 | NONE | | |
| US 5570552 | NONE | | |
| US 4742985 | AT 3642/84 | EP 182212 | |
| US 4118004 | NONE | | |
| AU 142587 | NONE | | |
| US 5649401 | NONE | | |
| US 1563581 | NONE | | |
| END OF ANNEX | | | |